

# **BRITISH COLUMBIA POWER EXCHANGE CORPORATION**

## **ORDER No. EA-145**

### **I. BACKGROUND**

Exports of electric energy from the United States to a foreign country are regulated and require authorization under section 202(e) of the Federal Power Act (FPA) (16 U.S.C. §824a(e)).

On April 21, 1997, British Columbia Power Exchange Corporation (Powerex) applied to the Office of Fossil Energy (FE) of the Department of Energy (DOE) for authorization to transmit electric energy to Mexico. Powerex is wholly owned by British Columbia Hydro and Power Authority (BC Hydro), a Provincial Crown Corporation of the Government of British Columbia, Canada. Powerex aggregates and markets power produced from sources within the Provinces of British Columbia and Alberta, including energy and capacity surplus to the needs of the BC Hydro system. Powerex does not own or control any electric generating or transmission facilities.

Powerex applied for this authority to export electric energy to the Comision Federal de Electricidad (CFE), the national electric utility of Mexico, as a result of being awarded a contract by CFE on April 4, 1997, to supply 40 MW of electric power to Mexico commencing July 1, 1997, and increasing to 50 MW for the months of August and September, 1997. Terms of the contract require that this power be delivered to CFE through the international electric transmission facilities owned and operated by San Diego Gas & Electric Company (SDG&E).

Notice of this application appeared in the Federal Register on April 29, 1997, (62 FR 22912) requesting that comments, protests, and petitions to intervene be submitted to the DOE by May 28, 1997. None were received.

### **II. DISCUSSION and ANALYSIS**

The authority requested of DOE by Powerex is a necessary condition for exporting under section 202(e) of the FPA. Powerex must make the necessary commercial arrangements, including obtaining all necessary transmission access required to wheel the exported energy to the foreign purchaser, and obtain any and all other regulatory approvals which may be required in order to effect the export. In considering Powerex's request for service, the transmitting utilities would have to assess the electric reliability impacts of moving the export through their system, and presumably, would only provide service under terms and conditions that will not cause reliability problems on their system.

An export authorization under section 202(e) does not impose on transmitting utilities a requirement to provide service. DOE expects transmitting utilities owning border facilities to provide access across the border in accordance with the principles of comparable open access and non-discrimination contained in the FPA and articulated in FERC's Order No. 888 (Promoting Wholesale Competition Through Open Access Non-Discriminatory Transmission Services by Public Utilities). The actual rates, terms and conditions of transmission service shall be consistent with the non-discrimination principles of the FPA and the transmitting utility's Open Access Transmission Tariff on file with the FERC.

All recipients of export authorizations, including owners of border facilities with Presidential permits, are required by their export authorization to conduct operations in accordance with the principles of the FPA and pertinent rules, regulations and orders, which include the comparable open access provisions of FERC Order No. 888. FERC concluded that the cross-border electric trade ought to be subject to the same principles of comparable open-access and non-discrimination that apply to transmission in interstate commerce. (Order On Complaint issued October 4, 1996 (Docket EL96-74-000)). It further concluded that DOE, not FERC, had the authority, under the FPA and by the Executive Order authorizing Presidential permits in the public interest, to require such service over the domestic portion of the international lines up to and crossing the border. DOE agrees with these conclusions.

On October 29, 1996, the Secretary of Energy signed Delegation Order No. 0204-163, which delegated and assigned to the FERC authority to carry out such functions vested in the Secretary to regulate access to, and the rates, terms and conditions for, transmission services over EPE facilities, which are involved in this Order. This authority was delegated to FERC for the sole purpose of carrying out the Department's policy and, thus, authorized FERC to take any further actions that may be necessary to effectuate open access transmission over the United States portion of EPE's electric transmission lines. Notice and a copy of the Delegation Order were published in the Federal Register on November 1, 1996, at 61 FR 56525.

The Department's position is clear. International exports of electricity should be subject to the same principles of comparable open access and non-discrimination that apply to the domestic interstate transmission of electricity. Therefore, DOE expects owners of border facilities to comply with the above stated policy such that no further action by the Department will be required.

Before an electricity export authorization is granted, DOE must find that the proposed export will not impair the sufficiency of electric supply within the U.S. and that it will not impede the coordinated use of regional transmission facilities. DOE has always used a flexible approach in determining the information necessary to evaluate reliability impacts for specific export proposals. In determining reliability impact for exports by power marketers or other entities operating in a similar manner, DOE has used a combination of established industry guidelines,

operating procedures and/or infrastructure, as well as technical studies supporting authorizations issued for traditional entities operating at the border. Allowing these existing technical studies to suffice in this docket is sound and, thus, DOE need not perform additional reliability assessments here, provided the maximum rate of transmission for all exports through a border system does not exceed the previously authorized limit of the system.

### **III. FINDING and DECISION**

DOE has assessed the impact that the proposed export would have on the reliability of the U.S. electric power supply system. Based on the above discussion and analysis, DOE has determined that the export of electric energy to Mexico as requested by Powerex would not impair the sufficiency of electric power supply within the United States and would not impede or tend to impede the coordination in the public interest of facilities provided that Powerex coordinate such exports with SDG&E, and/or the control area operator such that total exports across the SDG&E/CFE interconnection are in conformity with the operating limitations established by the SDG&E/CFE operating nomogram and the Southern California Import Transmission Nomogram on file in this Docket.

DOE also has determined that this action is among those classes of actions not normally requiring preparation of an environmental assessment or an environmental impact statement and, therefore, is eligible for categorical exclusion under Appendix B to Subpart D, paragraph B4.2 of the revised DOE Regulations implementing the National Environmental Policy Act of 1969. Documentation of the use of this categorical exclusion has been placed in this Docket.

### **IV. ORDER**

Based on the above finding, it is hereby ordered that Powerex is authorized to export electric energy to Mexico under the following terms and conditions:

(A) The electric energy exported by Powerex pursuant to this Order may be delivered to Mexico only over the following existing international transmission facilities for which assessments of the transmission limits for operation in the export mode have been made:

<u>Owner</u>	<u>Location</u>	<u>Voltage</u>	<u>Presidential Permit No.</u>
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San Diego Gas	Miguel, CA	230 kV	PP-68
& Electric	Imperial Valley, CA	230 kV	PP-79

(B) Exports authorized herein shall not cause a violation of the terms and conditions contained in existing electricity export authorizations associated with the international transmission facilities identified in paragraph (A). Specifically, exports made by Powerex pursuant to this Order shall not cause the total exports on a combination of the facilities authorized by Presidential Permits PP-68 and PP-79 to exceed an instantaneous transmission rate of 400 megawatts (MW). All exports made pursuant to this Order must be consistent with the operating limitations established by the SDG&E/CFE operating nomogram and the Southern California Import Transmission Nomogram.

(C) Amendment of the export authorization from which the export limits contained in paragraph (B) were derived shall result in a concomitant change to the export limits contained in that paragraph. Notice will be provided Powerex of any amendments to the existing export authorization that would impact on this Order.

(D) Powerex may commence exports only over those international transmission lines identified in paragraph (A) for which Powerex provides DOE written evidence that sufficient transmission service has been obtained for delivery of the exported energy to the border. This evidence can consist of a signed letter of agreement for the service between Powerex and SDG&E and should identify specific facilities by name and Presidential permit number.

(E) In scheduling the delivery of electricity exports to Mexico, Powerex shall comply with all reliability criteria, standards, and guides of the North American Electric Reliability Council and Regional Councils, on such terms as expressed therein, and as such criteria, standards, and guides may be amended from time to time.

(F) Powerex shall conduct all operations pursuant to the authorization hereby granted in accordance with the provisions of the Federal Power Act and pertinent rules, regulations, and orders adopted or issued thereunder, including the comparable open access provisions of FERC Order No. 888.

(G) The authorization herein granted may be modified from time to time or terminated by further order of the DOE, but in no event shall such authorization extend beyond the date of termination or expiration of the Presidential permits referred to in paragraph (A).

(H) This authorization shall be without prejudice to the authority of any State or State regulatory commission for the exercise of any lawful authority vested in such State or State regulatory commission.

(I) Powerex shall make and preserve full and complete records with respect to the electric energy exported to Mexico. Powerex shall furnish quarterly reports to the DOE, within 30 days following each calendar quarter, detailing for each month of the previous quarter: (1) the gross amount of electricity delivered, in kilowatt hours; (2) the consideration received for such energy; and (3) the maximum hourly rate of transmission, in kilowatts.

Reports shall be submitted to the U.S. Department of Energy, Office of Fossil Energy, FE-52, 1000 Independence Avenue, SW, Washington, D.C. 20585-0305. Properly identified quarterly reports will also be accepted via facsimile at (202) 287-5736 to meet time requirements, but original copies should still be filed at the above address.

(J) In accordance with 10 C.F.R. §205.305, this authorization is not transferable or assignable, except in the event of the involuntary transfer of this authority by operation of law. Provided written notice of the involuntary transfer is given DOE within 30 days, this authorization shall continue in effect temporarily. This continuance also is contingent on the filing of an application for permanent authorization within 60 days of the involuntary transfer and the authorization shall then remain effective until a decision is made on the new application. In the event of a proposed voluntary transfer of this authority to export electricity, the transferee and the transferor shall file jointly an application for a new export authorization, together with a statement of reasons for the transfer.

(K) Exports authorized herein shall be reduced or suspended, as appropriate, whenever a continuation of those exports would impair or tend to impair the reliability of the U.S. electric power supply system.

(L) This authorization shall be effective for a period of two years from the date of this Order. Within six months prior to the expiration of this authorization, Powerex may reapply for renewal of this two-year authorization or request a period of time longer than the two-year period.

Issued in Washington, D.C., on May 30, 1997.

Anthony J. Como  
Director, Electric Power Regulation  
Office of Coal & Power Im/Ex  
Office of Coal & Power Systems  
Office of Fossil Energy